

Next GARS meeting on September 14 @ 7:00 p.m.
Your Go Box

The **GARzette**

The official newsletter of the Gwinnett Amateur Radio Society –
Sep 2010 <http://www.gars.org/> Volume 19, Issue 9

September GARS Meeting back at home Saint Marguerite D'Youville Church 85 Gloster Road Lawrenceville, GA 30044

The program will be Go Boxes. We look forward to a “show and tell” about Radio “Go-kits”. Presenters will include Amy KE4IKF, Hal W4IGE, Tim N4EEE and others.



My thanks to everyone who came out to the August GARS meeting and braved the heat to put up antennas! Paul, WA4YZR showed us how to raise a mast by himself and even maneuvered it around a tree limb. Many others were very kind to set up various HF portable antennas. Thank you for your willingness to provide our club with awesome demonstrations.

Many thanks to Karen Prescott, KJ4VQI for arranging for GARS to use the Gwinnett County Fire Headquarters as a substitute location for this month's meeting. The facilities were very nice and we enjoyed our visit there.

Net Manager report: W4JOL

Calling **motivated amateur radio operators!**

Do you want to get better at recognizing Gwinnett County ham radio operators by voice and/or callsign?

Need to improve your radio skills so you are better at emergency communications, field day, JOTA, HF operations, and other amateur radio operating events?

You should become a Net Control Station!

Contact Joel Barrett (w4jol@arrl.net), GARS Net Manager for more information.

To view our recent net results, please go to www.gars.org and select “2m Net Control Stations” in the menu on the left.

Thanks,

Fall Frequency Festival and JOTA October 16th at St Marguerite Church. It's fall and time for another GARS operating event and lunch. And time for the Annual Scouts Jamboree on the Air. Join GARS and invited scouts for a day of radio fun. More on page 3



Come back next month for more of the story on these!

A note from the President

The September 14th GARS meeting is at our normal stomping grounds, back at Saint Marguerite D'Youville church in Lawrenceville. It will be nice to be back at our normal location, but I have to say, it is somewhat of a relief knowing the club has a good backup location. We had a great meeting and program at the fire station with all the demonstrations of the portable masts, portable HF antennas, and the story about getting into hot water in Israel by Newt, KONWT.



I have been very busy working with the Digital Committee for Gwinnett ARES. We have been evaluating digital modes and hardware for use with emergency communications. While it has been very rewarding, it has really eaten into my personal and club time. Luckily, we have reached a milestone and hopefully I can devote more time to GARS. ARES is a worthy organization, so it is worth the time, even though I wish it did not cut into my GARS time.

Lightning! We had a strike that split a very large pine tree that was right in the center of our 160 meter horizontal loop antenna. It was an "out of the blue" strike, and the radios were all on and connected. Luckily none of our equipment was damaged. The interesting thing is that the pine that got hit was about 50 feet from the stump of a giant oak that got struck twice in earlier years and had to be taken down. Now that the pine has been split, it needs to come down. Once it does, the tallest thing in that area is our house! Perhaps it is time to start thinking about a tower, um, as a um house protection device, heh heh heh.

It would be great to have some lightning stories in the next issue of the Garzette. Everyone probably has one, so write a paragraph or two down and send them over to Norm for the next issue.

I look forward to seeing all of you at the next GARS meeting.

73,
Kyle, W4KDA

TechFest 2011
January 8, 2011, Lawrenceville, GA
sponsored by the Gwinnett Amateur Radio Society



Join
Gwinnett Amateur Radio Society
 and **Venture Crew 73**
 for our
Fall Frequency Festival
 and the 53rd Annual
Jamboree on the Air



Saturday, October 16th, 9am to 3pm
St. Marguerite d'Youville Church in Lawrenceville

Jamboree On The Air (JOTA) is a world wide scouting event held the third Saturday in October each year. Scouts from all over the world will join with amateur radio operators and have the opportunity to talk to other scouts in countries all around the world.
 No training is required and a patch is available.

As part of this worldwide event, we are hosting a **Fall Frequency Festival**.
 Come join us for hot dogs and talk to Scouts across the country and around the world.

This event is *FREE* - Scouts and Adults of All Ages are Welcome

Activities will include:

- Fox Hunt games (radio search and recovery)
- Hot dogs, chips, and drinks
- Amateur Radio Stations – make contact with Scouts around the world
- Amateur Radio Emergency Service (ARES) command trailer tours
- Radio Merit Badge classes (registration required)

Boy Scouts – Earn a Merit Badge in a Day

Come to the JOTA Fall Frequency Event and earn the Radio Merit Badge

Troops must pre-register Scouts for the class on www.meritbadge.info

No Pre-requisites and No Fees

Bring a signed Blue Card and a copy of the Merit Badge booklet

Merit Badge Class schedule

8:00am	Check in for class
8:45am	Opening Ceremony
9:00am	Classes begin
12:00pm	Break for lunch (hot dogs and chips provided by GARS)
1:00pm-2:30pm	Finish badge requirements. Make radio contacts around the world

For more info, contact

Jeff Lee or Steve Back - Venture Crew 73 Kyle Albritton - GARS President
 Email: jota10@venturecrew73.org www.gars.org www.venturecrew73.org

On the World Wide Web de ND4V

Well, I must admit I occasionally have 'some' RF get back into the ham shack. When it does, the keyer starts sending random CW, the TV in the next room goes black, the shack computer re-boots, the stereo buzzes, the telephone rings, the smoke detector chirps, the garage door opens, the heater comes on/off, the dog barks and my XYL comes into the room and gives me "the look".

And if I turn on the amplifier, I can really have some fun with the neighbors touch lamp, computer speakers, motion detector lights Well, just try explaining that it's his problem not yours.

In researching my RFI problem, I came upon a paper on Jim Brown, K9YC's web site that is an excellent guide to understanding common mode and differential mode currents. Jim writes in a style that is easy to understand and yet it has a solid theoretical basis to back it up.

<http://www.audiosystemsgroup.com/RFI-Ham.pdf>

While you are there check out some of his other papers. I especially enjoyed the limited space antenna papers. You will want to bookmark this site. There is enough there to keep you reading for a month.

<http://www.audiosystemsgroup.com/publish.htm>

By now you're probably looking for a source for ferrite cores. For a decent mix of different core material and sizes, try here

http://www.palomar-engineers.com/RFI_Kit/rfi_kit.html

Gwinnett ARES Digital Communications by Kyle W4KDA

On August 14th, Gwinnett ARES held a class at the Gwinnett Emergency Operations Center (EOC), teaching members how to send data using radios. This is useful in emergencies because much of the information that needs to be passed during an emergency is lists of names, numbers, equipment, instructions, medicines, etc. Many times this information is shared with ARES from its served agencies from a computer.

Conventionally, ARES can have a member at one end read the data, and a member at the other end enter the data into a computer at a different location. That works, but it is faster to transmit the data digitally using amateur radio. When using digital communications for this scenario, the served agency gives the ARES member the data (on a USB stick for example), he or she puts the data onto their computer, and hits send on their digital communications program. The data is sent over amateur radio, the ARES member at the other end receives the information at the remote location, the program demodulates and formats the data, and the ARES member gives it to their served agency. This gets the data moved quickly, with error correction, and greatly reduces the amount of time and potential for human errors which is critical in emergencies.

For 2010, the Gwinnett ARES Digital Committee has recommended the use of packet with a program called Outpost, and a few digital modulation modes using NBEMS (FLDigi). These programs are free and the hardware is either low cost, or something most hams already have. Which program and mode we use depends on what the situation is, where are stations are located, and what bands is used. Gwinnett ARES teams will need to be fluent on both programs.

There is a caveat for hams not interested in emergency communications. Any ham can enjoy using FLDigi (the core program of NBEMS). FLDigi supports many different modes that are popular with hams. Modes like CW, Domino, Hellschreiber, PSK(31,63,125,250,500), RTTY, MT63, and a generous number of others. With FLDigi, a sound card interface, and an HF radio, you can participate in nets, QSOs, and QSTs around the world.

During the class, ARES members were taught how to send and receive e-mail style messages using Outpost. Outpost looks and works like an e-mail program. With Outpost and packet, radio amateurs can send and receive messages without knowing anything about the packet network or the hardware required to send and receive data. This helps to get data moving very quickly in an emergency.

Meeting Minutes ...Hal Collier, W4IGE, Secretary

August 2010 GARS General Meeting

August 10, 2010

GARS meeting was at the Gwinnett County Fire Headquarters this week and started outside around 7pm

Show and Tell: Several club members gave demos of a variety of portable HF antennas and mounts.

Paul Branson, KA4YZR, demonstrated how to raise an antenna mast solo.

Break and antenna disassembly.

Newt White, K0NWT, talked about his Ham Radio adventure on a recent trip to Israel.

Jeff Lee, AF4JL, announced the Jamboree On The Air (JOTA) event scheduled for Oct 16.

Kyle Albritton, W4KDA, announced the Dog Show Aug 27, 28, 29 and requested additional volunteers.

Business:

Treasurer's Report – Ralph Pickwick, KJ4CNC, reported the following:

CD balance \$6201.27

Money Market balance \$2306.38

Checking Account balance \$3,804.41

Total \$12,312.06

Gwinnett Braves event on 8/28. Buy tickets through link on GARS.ORG.

Committee Reports:

Bill Cherepy, WB4WTN, presented the following applications for membership:

Angel Alonzo, Jr. (No license yet)

Kyle Albritton, W4KDA, announced that the September GARS meeting will be held at the regular location at St. Marguerite d'Youville Catholic Church.

Introductions of first time visitors were made.

Program Manager – Sandy Jackson, KJ4DRO, announced information about the program for the September meeting. Program will be on ARES Go Kits. Members are encouraged to bring their kits. Sandy wants assistance in designing her own Go Kit and she will build it during the meeting.

Prize drawing. The meeting was adjourned at 9:01 pm.

ANTICIPATING THE HUNTSVILLE HAMFEST 2010

...Earl, AF4FG

I look forward to the Huntsville hamfest the way I once looked forward to Christmas except now I drool over the ads in QST the way I once drooled over toys in the Sears catalogue. The anticipation can be maddening. The only presents I get now are the ones I buy for myself, but I don't have to worry that some overworked fat guy might bring something that isn't quite what I want. And if I don't get what I want I have a much better understanding of why Santa might have been constrained by his budget. Still, getting nothing but a few connectors at a hamfest is like getting socks for Christmas. They may be useful but it's disappointing.

The list I make now is nothing like the lists of my first childhood. Today everything is carefully considered from the standpoint of price, usefulness and need. I need everything, I can make everything useful and I can always rationalize the price. (Maybe it's not so different.) However, just as Santa didn't understand my need for a BB gun, my wife doesn't understand my need for some of the things on my list – so I won't show it to her.

Huntsville has another thing different from Christmas. It is loaded with forums and that is one of the things that make it so exciting. NASA has a large presence in the city and a great number of their employees and suppliers are well informed about topics of interest to hams. This generates a lot of forums and a lot of information. NASA's sunspot guru will be there again this year and there is to be a forum on listening to bats and insects with a 35-45 kHz ultrasound receiver. That was never in the Sear's catalogue.

There will be over 5000 attendees again this year and all will be carrying bags of goodies so it won't be all that different than Macy's in December. The lines at the restrooms and the food counters will be as long, but Macy's never gave away a top of the line HF rig at the end of the day. I can't wait.

ARRL Southeaster Division Leadership Elections in October

Fellow ARRL members—
... Andrea Hartlage, KG4IUM

This October, members of the League across the Southeastern Division (Alabama, Georgia, Northern Florida, Southern Florida, West Central Florida, Puerto Rico and US Virgin Island sections) will receive ballots to elect who they believe will best represent them on ARRL's Board of Directors. As a candidate for Vice-Director and as a Ham who is passionate for our amazing hobby, I respectfully ask for your support and vote.

For over a decade my involvement in amateur radio has spanned across many of its facets, and it is the resulting breadth, experience, and perspective gained that I wish to put to work on your behalf as your Vice-Director. These include: serving as a Georgia Assistant Section Manager for nearly seven years; devoting my time in leadership roles within local and regional clubs; fulfilling voluntary and appointed positions as an active ARES member; ensuring public safety through involvement in our valuable Skywarn program; enjoying ham radio's roots as a CW operator and FISTS member; exploring ham radio's future by experimenting with its new modes and methods such as PSK31 and D-STAR; encouraging experimentation through involvement in activities such as high altitude balloon launches and homebrewing; chasing new countries and entities as a DXer; enjoying the competitive side of ham radio through contesting; and so much more.

Among my biggest passions is working to involve and engage the next generation of hams – our youth. For half a decade I served as one of ARRL's Contributing Editors, focusing on topics related to ham radio's legacy. And to more effectively involve our youth at hamfests across the United States, I co-developed the concept of a "Youth Lounge" (vastly different from a typical youth forum) which is promoted on ARRL's website for all interested hams, clubs, and hamfest committees to utilize. This concept has been a part of hamfest programs across Georgia, Alabama, California, North Carolina, and Wyoming, and it continues to spread elsewhere across our nation. Further exemplifying its effectiveness, the Youth Lounge concept has been an established program area of the Dayton Hamvention since 2005.

Today I am running to serve great members like you as Vice-Director of ARRL's Southeastern Division. As a life member of the League, Amateur Extra, and A-1 Operator, I believe strongly in the positive impact and influence the ARRL has and look to improve its effectiveness through offering my experience, perspective, and passion for ham radio.

If elected, I confidently make the following pledges to you:

- (1) to greatly improve communication within our Division. Leadership is ineffective without communicating to those whose views, concerns and opinions need to be represented;
- (2) to remain engaged with issues that pose a threat to our spectrum and operating privileges, whether it's BPL, the current ReconRobotics threat, or an FCC that bases its decisions on politics rather than sound engineering principles;
- (3) to assist the ARRL and its members in better attracting and involving youth in ham radio. They are our legacy who will one day lead the ham radio we care so much about today;
- (4) to improve the level and effectiveness of advocacy within our Division on matters before Congress and the FCC that affect amateur radio, its precious spectrum, or our valuable operating privileges.

I invite you to visit my website – www.SouthEasternDivision.org – to learn more about the upcoming election, my background and passion for ham radio, my position on a variety of issues that hams are concerned about, and to read further elaborations on my pledges to you. I encourage you to vote this October and kindly ask for your support so that I may represent you and your concerns effectively as Vice-Director of ARRL's Southeastern Division.

Thank you and 73,

Andrea Hartlage, KG4IUM

Candidate for Vice- Director, ARRL Southeastern Division

website: www.SouthEasternDivision.org

BSA Venture Crew 73 Wants You

If you are between 14 and 21 years old, enjoy outdoor activities and have an interest in radio technology, Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 p.m., at the St. Marguerite D'Youville Catholic Church, 85 Gloster Rd. NW, Lawrenceville, GA 30044.
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month. We enjoy:
 - o Camping
 - o Hiking
 - o Horse Back Riding
 - o Shooting Sports
- Crew activities usually mix high adventure and the use of amateur radio.
- For more information, either show up at our next meeting or contact:
Steve Back, WB2OGY, Venture Crew 73 Committee Chairman
 - o Phone: 770-712-9069
 - o Email: committeechair@venturecrew73.org
- Jeff Lee, AF4JL, Venture Crew 73 Advisor
 - o Phone: 678-475-3165
 - o Email: advisor@venturecrew73.org

Continued
from Page 4

NBEMS uses the core FLDigi to send data over HF, VHF, or UHF over a simplex or repeater network. It also can send messages and data like an e-mail program or ICS-213 form, as well as binary (like digital pictures) and ASCII data. Although simple to use, it has too many features to share here. If you are interested in digital communications, do yourself a favor and take a look at NBEMS. And if you think you might be interested in emergency communications, please feel free to drop by a Gwinnett ARES meeting.

GARS officers and committee chairs

Kyle Albritton, W4KDA
President

Earl Whatley, AF4FG
Vice President

Hal Collier, W4IGE
Secretary

Ralph Pickwick, KJ4CNC
Treasurer
Apparel Manager

Sandy Jackson, KJ4DRO
Program Manager

Bill Cherepy, WB4WTN
Membership Chairman

David Adcock, KA4KKF
Webmaster
Field Day Chairman

Dorothy Jubon, N2DLJ
Public Information Officer

Norm Sckhlar, WA4ZXV
TechFest Chairman

Jim Massara, N2EST
GARzette Editor

Bill Cherepy, WB4WTN
W4GR Trustee

Eddie Foust, WD4JEM
Repeater Chairman

Mike Weathers, ND4V
WAS-Checker

Joel Barrett, W4JOL
Net Manager

Mike Swiderski, K4HBI
Technical Advisor

Dave Bruse, W4DTR
VE Team

GARS communication system

70 Cm Repeater
444.525(+) MHz
82.5 PL Tone

APRS
144.390 -- 1200 Baud
W4GR

6 Meter Repeater
53.110 (-1 MHz)
82.5 PL Tone

D-Star
WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

2 Meter Repeater
147.075(+) MHz
82.5 PL Tone

Main Repeater Site
Oak Street, Lawrenceville

Backup Repeater Site
Lanier Mountain, Snellville

Metro Atlanta VE Exam Schedule.

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org.

First Saturday, Even Months 9 a.m.

EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday 7 p.m.

ARRL/VEC
Roberts School
4681 School Street, Acworth
Jodi Escher AG4BK
(770) 387-1591

Second Saturday, Odd Months

ARRL VEC
8:30 a.m.
Stone Mountain Methodist Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday 9 a.m.

CA VEC
Marietta First United Meth. Church
Room 305,
56 Whitlock Ave.
Marietta
David Still, WB4RRD
(707)973-2566

Fourth Tuesday 7 p.m.

ARRL VEC
United Way Service Center
6279 Fairburn Rd.
Douglasville

Third Sunday W5YI VEC 3-5 p.m.

We had six VEs and four applicants on April 18.

VEs present included Frank Sauciunas, KF4TQV; David Bruse, W4DTR; Bill Cherepy, WB4WTN; John Kludt, K7SYS; Royce Stovall, KD4EXY; and Brian Page, N4TRB.

Test results: one new Technician, two upgrades to General, one upgrade to Extra.

These tests are given at 3:00 p.m. on the third Sunday of every month except December.

If you want to take a test, you should bring a photo ID (e.g. driver's license, student ID, etc.), your original license (if you have one) and a copy of the license, as well as original CSCE and copy for prior elements passed. Minors must have two forms of ID and a Social Security number. Be sure to bring a pen and pencil with eraser, a calculator with its memory cleared, and an exam fee of \$14 cash (checks are not accepted). Walk-ins are welcome. No pre-registration is required.

73,
Frank Sauciunas, KF4TQV
Webmaster: Lawrenceville
Masonic Lodge No. 131
Lodge web page: <http://lvlodge131.org>
Email: kf4tqv@charter.net
<http://webpages.charter.net/kf4tqv>



Lawrenceville Masonic Lodge
465 S. Perry St.
Lawrenceville, GA 30044
(770)-963-5721

Fourth Sunday 2:30 p.m.

Georgia Tech
VanLeer Elec. Building
Rm. W218
77 Atlantic Dr.
www.w4aql.com
Alexander G. Carver
(404)894-2936
acarver@ece.gatech.edu

Metro Club Meetings

First Tuesday
Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880(-)

Second Monday
Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

First Thursday
Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)

N.E. Georgia ARC
Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225(+)
PL 123.0

Second Thursday
Alford Memorial Radio Club
Annistown Road Baptist
Church
Intersection of Annistown
Rd & Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760(-)

Third Tuesday
North Fulton Amateur Radio
League
Masonic Lodge
194 Milton Avenue
Alpharetta, Georgia
meeting at 7:30 PM
Talk In - 145.47(-)

Second Saturday
North GA QRP Club
Wieuca Baptist Church on
Peachtree Rd/Wieuca, 10
AM

GARS
APPAREL ORDER FORM

NAME:	PHONE #
CALL:	(To avoid errors, please PRINT legibly)
NAME TO BE EMBROIDERED:	
CALL SIGN TO BE EMBROIDERED:	
ITEM	SIZE QUANTITY PRICE TOTAL
T-SHIRT	
Red WITHOUT name & call	\$20.00
White WITHOUT name & call	\$20.00
Red WITH name & call	\$20.00
White WITH name & call	\$20.00
GOLF SHIRT -- WITHOUT name & call	
Red	\$24.00
White	\$24.00
GOLF SHIRT -- WITH name & call	
Red	\$28.00
White	\$28.00
SWEATSHIRT	
Red WITHOUT name & call	\$30.00
White WITHOUT name & call	\$30.00
Red WITH name & call	\$30.00
White WITH name & call	\$30.00
LIGHTWEIGHT JACKET -- RED ONLY	
WITHOUT name & call	\$31.00
WITH name & call	\$35.00
HEAVYWEIGHT JACKET -- RED ONLY	
WITHOUT name & call	\$41.00
WITH name & call	\$45.00
GARS BADGE -- WITH name & call	\$9.00
HAT -- WITHOUT name & call	
Red	\$9.00
White	\$9.00
HAT -- WITH name & call	
Red	\$14.00
White	\$14.00

TOTAL ORDER PRICE:

Please attach your check made payable to GARS and return to
Ralph Pickwick, KJ4CNC or mail to:

GARS, P.O. Box 88, Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may

August 2010

**What's new on the
WEB SITE?**

... David, KA4KKF

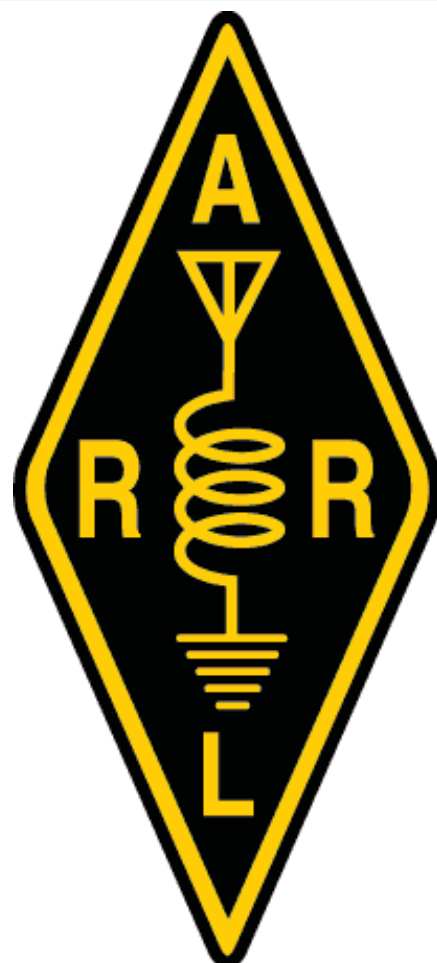
FAQ's and Latest news has information on how to navigate through the web site.

When creating an account, use your callsign as a user ID.

There is also a chat room just for logged in members of the web site.

This has been used during several nets to get information faster.

You can also make donations and pay your dues.





Gwinnett Amateur Radio Society
PO Box 88
Lilburn, GA 30048

MEMBERSHIP APPLICATION

GARS USE ONLY

Date App Rcvd ____/____/____

Pmt Rcvd ____/____/____

Payment Amt \$ _____

Mem Appr ____/____/____

Database ____/____/____

☐ NEW MEMBER

☐ RENEWAL – Renew via PayPal at www.gars.org

Amateur Call Sign _____

License Class ☐ Novice ☐ Technician ☐ General

☐ Advanced ☐ Extra

Name _____

Address _____

City _____ State _____ Zip _____ - _____

Email address _____

Home Telephone _____

Work Telephone _____

Cell Telephone _____

Date of Birth ____/____/____(mm/dd/yy)

ARRL Member ☐ Yes ☐ No ☐ Life

Interests _____

Type of Membership

- ☐ Individual \$30.00 annually
☐ Student \$15.00 annually
☐ Senior \$15.00 annually (over age 65)
☐ Family ** \$35.00 annually

** Available for family members residing at the same address

Optional Contributions

Repeater Fund \$ _____

Scholarship Fund \$ _____

Additional Family Members **

Name _____

Date of Birth ____/____/____(mm/dd/yy)

License Class ☐ Technician ☐ General ☐ Extra

ARRL Member ☐ Yes ☐ No ☐ Life

Interests _____

Name: _____

Date of Birth ____/____/____(mm/dd/yy)

License Class ☐ Technician ☐ General ☐ Extra

ARRL Member ☐ Yes ☐ No ☐ Life

Interests _____

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature _____

Date ____/____/____

GWINNETT COLLISION CENTER, INC.

305 Sharon Ind. Way
Suwanee, Georgia 30024
(770) 945-0161
Import and Domestic
Unibody and Frame Repair

Marty Fowler, KE4MLH Mark Justice

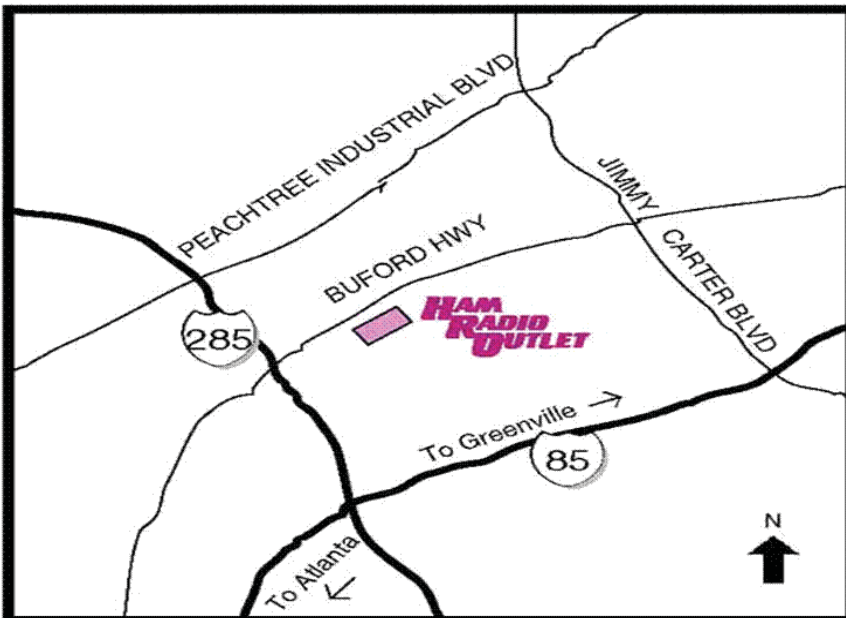
WORLD WIDE DISTRIBUTION



Mark Holmes
Manager
KJ4VO

6071 Buford Highway
Atlanta, GA 30340 (Doraville)
770-263-0700 1-800-444-7927
Fax: 770-263-9548
e-mail: atlanta@hamradio.com
hours: 10 a.m. - 5:30 p.m. Mon.-Sat.

John, KI4LMA	Bill, W5RQR	David, AI4XL	Tom, KB4HQA
Dale, W4GCL	Jim, N1ABM	Josh, W4JDH	Brian, WD4DX



Alinco
Icom
Japan Radio Corp.
Premier
ADI
Yaesu
Alpha Delta
Arrow
Butternut
Create
Kenwood
Tarheel
Heil
West Mountain

Cushcraft
Diamond
Force 12
Hustler
Hy-Gain (Telex)
KLM
Larsen
M2
Valor
Van Gorden
MFJ
Ameritron
Comet

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048



August ARES Training Session

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7 p.m. Check the [website](#) for location.
- Every Monday at 8 p.m.: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater.
- Every Wednesday at 9 p.m.: GARS 6-meter net on the GARS 6-meter repeater.
- Every Saturday at 7:30 a.m.: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville.

PRUDENTIAL GEORGIA REALTY

SHARON ADCOCK

404-428-9127

sharon@sharonadcock.com

You need an expert on your team when buying or selling real estate. 10+ years experience of listening and filling YOUR needs.



www.sharonadcock.prudentialgeorgia.com

GARS Specialist
Top Negotiator
Top Agent



Helping hams with the sale and purchase of their properties takes extra time, effort and dedication. Not every agent is willing to make that commitment. Call me for when you or your friends and family are ready to make a move

References available upon request.